

Aero Design Ltd.**Work Order Control Sheet**Work Order#: 2016-148 Date Opened: 04-Nov-16 Title: AssemblyAircraft OEM: Bell Aircraft Model: 429 Product Type: Cargo Basket Product Model: RH Post S/N 81 Quantity: 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

JC
N/A
JC
JC
JC
JC
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

Initial or N/A

JC
JC

Drawing List

Drawing #	Rev #	Description	Initial or N/A
95950	0	Basket Assembly	JC
95917	1	Lid Checker Plate	JC
95927	1	Placard	JC
84240	0	Lid Brace Installation	JC
84255	2	Handle Installation	JC

Traveller

Install checker plate on lid
Install lid on basket body
Re-tap mounting lug holes and install mount lugs
Install handle brackets
Install handle
Install lid prop
Install data plate

Initial or N/A

DB
DB
DB
DB
DB
DB
DB

Work performed by:

ICC / Dual Inspection performed by:

Work Order closed by:

Print: D. BartfaiPrint: J. ClarkePrint: J. ClarkeSign: Sign: Sign: SCA: AD07SCA: AD02SCA: AD02Date: 04-Nov-16Date: 04-Nov-16Date: 04-Nov-16

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

Component Completion

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Placed in Stores for Distribution

Initial or N/A

JC
N/A
N/A
N/A
N/A

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

Initial or N/A

JC
N/A
N/A



Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC
V8A 0G3, 604-483-AERO (2376)

Quantity:

PN:

MS20001P4-9600

Aircraft:

All

Model: All

Description:

Hinge

Supplier:

Bisco Industries

N/A

N/A

PO# 16030



Aero Design Ltd.

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Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Serviceable

Remarks





Aero Design Ltd.

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Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Handle Bar Assy. No. of pieces: 1

Manufacturer: Aero Design Ltd.

Part No.: 84261 (407) Serial No.: N/A

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2016-146

Remaining Tasks to be Performed: Instal

Signature: [Signature]

Date: Oct 31 / 2016 Lic. No. / SCA AD 73-04 05

Serviceable



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AMF 73-04

In Process

Remarks



Aero Design Ltd.

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AMF 73-04

Nomenclature: BASKET BODY (B429) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 95961-01-01 Serial/Batch No.: NSN

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2016-124

Remaining Tasks to be Performed: CLEAN UP, INSPECT, POWDER COAT

✓ ✓ ✓

Signature: gff Chh.

Date: 27 SEPT 2016 Lic. No. / SCA AD02

In Process



Aero Design Ltd.

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Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

Remarks



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: LID (B429) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 95912-01-01 Serial/Batch No.: NSN

TTSN: N/A TSO: N/A Rem.: N/A

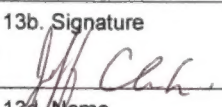
Work Order No.: 2016-124

Remaining Tasks to be Performed: CLEAN UP, INSPECT, POWDER COAT
✓ ✓ ✓

Signature: J. Chel.

Date: 27 SEPT 2016 Lic. No. / SCA ADD2

In Process

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 2016-0204	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2016-148	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Cargo Basket	95950-01-01	1	95911-05	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 04 Nov 2016		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

BELL HELICOPTER

Work Order: 2016-148

Material Tracking Sheet

1 of 2

Date Opened: 04 Nov 2016

Bell 429 - Post 81

Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
	<u>1</u>		<u>95950-01-01</u>	<u>Cargo Basket Assembly</u>	<u>(-01 RH, -02 LH) S/N 95911-05</u>	
Step 1				<i>Lid Assembly</i>		
Step 1.a.	. 1		95912-01-XX	Basket Lid Assembly		<u>2016-124</u>
	. . 4		49205-14	Bumper	Argus Industries Bumper	
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
	. . 1		95917-XX	Lid Checker Plate	3003 Aluminum Tread Plate, 0.063"	<u>14092</u>
	. . A/R		CR3213-4-02	Cherry Rivet		<u>15086</u>
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 2				<i>Basket Assembly</i>		
Step 2.a.	. 1		95951-01-XX	Basket Body Assembly		<u>2016-124</u>
	. . 4		96710-01	Fitting	Alternate: Ancra 40088-14	
	. . 8		NAS1149F0663P	Washer		
	. . 1		95965-01	Forward Sheet		<u>2016-124</u>
	. . 1		95916-03	Filler Sheet		<u>2016-124</u>
	. . 1		95927-01-XX	Placard	0.050 Sheet, 6061-T6 Aluminum	<u>2015-03</u>
	. . A/R		CR3213-4-02	Cherry Rivet		<u>15086</u>
Step 3				<i>Hinge Installation</i>		
	. 1		MS20001P4	Piano Hinge	95"	<u>16030</u>
	. 8		CR3523-5-02	Cherry Rivet		<u>16005</u>
	. A/R		CR3213-5-02	Cherry Rivet		<u>16042</u>
Step 4	. 1		84255-01	<i>Handle Installation</i>		
Step 4.a.	. . 2		84267-01	Bracket	Delrin, 3/4" Sheet	<u>2016-37</u>
	. . 4		AN3-11A	Bolt		
	. . 8		NAS1149F0363P	Washer		
	. . 4		MS21044N3	Nut		

Work Order: _____

Material Tracking Sheet

2 of 2

Date Opened: _____

Bell 429 - Post 81

Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	.. 1		84261-01	Handle Assembly		2016-146
	.. 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	
	.. 2		36275-01	Bushing	Brass, 5/16" Dia	
	.. 2		AN3-12A	Bolt		
	.. 4		NAS1149F0363P	Washer		
	.. 2		MS21044N3	Nut		
Step 5				Lid Brace Installation		
	. 1		36280-01	Brace Assembly		2016-145
	. 1		AN3-15A	Bolt		
	. 1		AN3-17A	Bolt		
	. 2		AN970-3	Washer		
	. 3		NAS1149F0363P	Washer		
	. 2		MS21044N3	Nut		
Step 6				Inspection	None	

CARGO BASKET ASSEMBLY - COMMON

General

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

Bell 206L/407 – Right side only

69810, Revision 3 – Standard Low Mounted Basket

94510, Revision 0 – Extra-Wide Low Mounted Basket

94610, Revision 0 – Extra-Wide Low Mounted Ski Basket

76610, Revision 0 – High Mounted Ski Basket

Eurocopter AS350/AS355 – left or right

77610, Revision 1 – Short Basket

76410, Revision 3 – Medium Basket (left or right)

78410, Revision 2 – Long Basket

94010, Revision 0 – Extra Large (ski) Basket

Robinson R44 – left or right

90610, Revision 0 – Standard Basket (left or right)

Bell 206B – right side only

80210, Revision 0 – Short Basket

80310, Revision 0 – Medium Basket

81110, Revision 0 – Long Basket

Bell 429 – right or left

95911, Revision 0 – Standard Basket

Bell Medium – left or right

75111, Revision 0 – Standard Basket

95511, Revision 0 – Extra Large (ski) Basket

MD600

82811, Revision 0 – Standard Basket

Options

70405, Revision 3? – Lid Walkway

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

Work Order: 5016-148

Date Open: 04 Nov 2016

AD
73-04
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1. Lid Assembly

- a. Install lid bumpers on bottom.
 - i. Fill bumper holes with RTV silicone sealant.
 - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
 - i. Locate placard on bracket.
 - ii. Drill #30 through placard and bracket, using holes in placard.
 - iii. Remove placard and de-burr holes in placard and on bracket.
 - iv. Locate placard on bracket, and cleco in place.
 - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
 - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
 - ii. Pull tread plate from stock. Shear tread plate to length.
 - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
 - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
 - v. Mark and drill #30 holes:
 1. 0.25" from edge of tread plate, centre on cross members (0.38")
 2. 0.25" from edge of tread plate, middle of each walkway stringer
 - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
 - vii. De-burr holes in lid tubes.
 - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
 - ix. Set tread plate in place, secure with clecos if necessary.
 - x. Rivet placard with CR3213-4-02 CherryMax rivets

- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list

AD
73-04
07

2. Body Assembly

- a. Install attachment fittings
 - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
 - ii. Run 3/8-24 tap into attachment lugs to clear threads.
 - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
 - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
 1. 90610 (Robinson R44) basket only:
 - a. Install 1 fitting 906?? in lower forward attachment lug only.
 - b. Install 3 96710-01 fittings in remaining locations.
 - v. Torque to ??

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
 - i. Locate 94621-01 Brace over aft cross tube cutout
 - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
 - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

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3. Hinge Installation

- a. Prepare hinge.
 - i. Cut hinge to length:
 - 1. 776, 906 – 54"
 - 2. 751, 803 – 70"
 - 3. 698, 764, 945 – 72"
 - 4. 784 – 90"
 - 5. 940, 946, 959 – 95"
 - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
 - i. Locate hinge on basket (standard baskets)
 - 1. centre fore/aft
 - 2. 0.15" – 0.18" up from bottom edge
 - ii. Locate hinge on basket (extra wide baskets)
 - 1. centre fore/aft
 - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
 - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
 - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
 - v. Remove hinge and de-burr holes in hinge and basket rim.
 - vi. Cleco hinge to basket with 5/32 clecos.
 - vii. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
 - i. Locate lid on hinge (all baskets)
 - 1. center fore/aft
 - 2. 0.15" – 0.18" down from top edge
 - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
 - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
 - iv. Remove hinge and de-burr holes in hinge and lid rim.
 - v. Cleco lid to hinge with 5/32 clecos.
 - vi. Install hinge with CherryMax rivets
 - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
 - 2. CR3213-5-02 aluminum rivets – all other locations

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

AD
73-04
07

- d. Record PO of hinge and rivets on attached material tracking list.

4. Install Handle

a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

AD
73-04
07

5. Install lid brace

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

CARGO BASKET ASSEMBLY - COMMON

Complete
(initial or SCA #)

6. Final Inspection

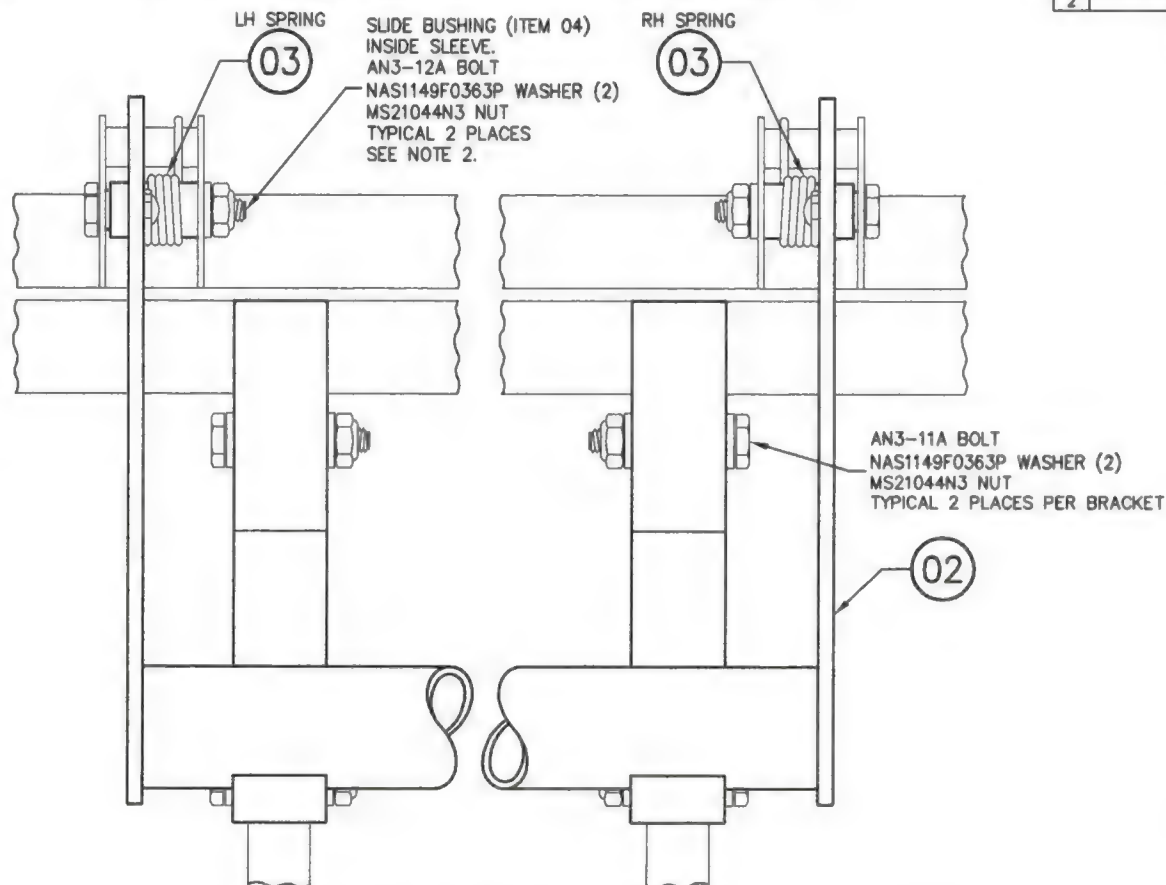
Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
 - i. Bolts are tight
 - ii. Rivets are installed correctly
 - iii. Handle operates correctly
 - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

AD
13-04
02

NOTES:

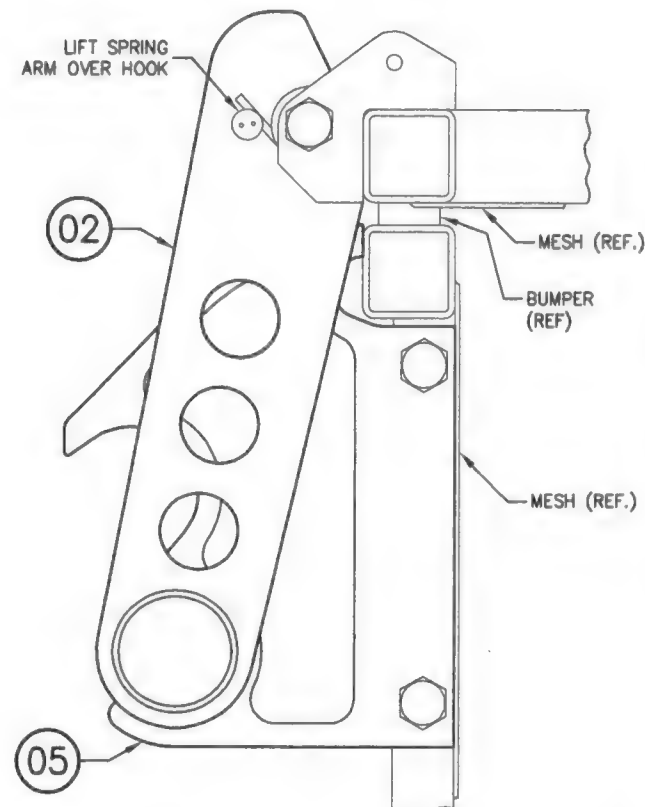
1. THIS DRAWING IS AN ALTERNATE CONFIGURATION FOR THE HANDLE INSTALLATION SHOWN ON DRAWING 36255.
2. GREASE BUSHING (ITEM 04) USING MOBILGREASE 28 OR EQUIVALENT PRIOR TO INSTALLATION.



01 HANDLE INSTALLATION

A/R	MOBILGREASE 28		GREASE	MIL-PRF-81322F
4	AN3-11A		BOLT	
2	AN3-12A		BOLT	
10	NAS1149F0363P		WASHER	
6	MS21044N3		NUT	
2	84267-01	05	BRACKET	
2	36275-01	04	BUSHING	
2	36278-01	03	SPRING (1 LH, 1 RH)	
1	84261-01	02	HANDLE BAR ASSEMBLY	
	84255-01	01	HANDLE INSTALLATION	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36255	BJC	NOV 03/09
1	HANDLE END BRACKETS FLIPPED	BJC	SEPT 19/11
2	TITLE BLOCK UPDATED; ADD NOTE 2; HARDWARE UPDATED	BJC	MAR 13/14



APPROVALS	DATE
DRAWN: JEFF CLARKE	03 NOV 2009
CHECKED: E. BURGON	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2°
X.XX ±0.03
X.X ±0.1



AERO DESIGN LTD.

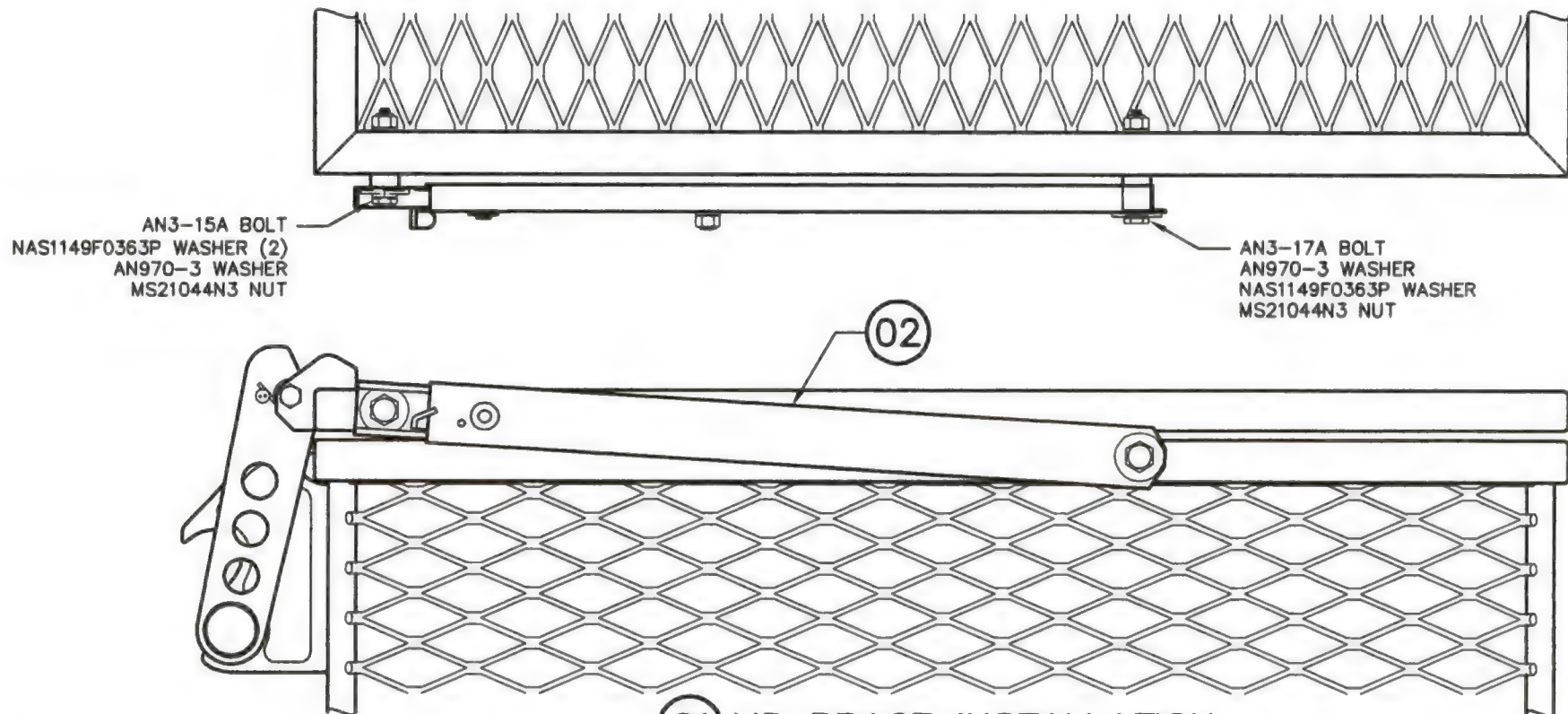
9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 804.488.8876 www.aerodesign.ca

**HELICOPTER CARGO BASKET
HANDLE BAR INSTALLATION**

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	84255	2

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.


REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	*	*



01 LID BRACE INSTALLATION

NOTES

- THIS DRAWING APPLIES TO ALL AERO DESIGN LTD. CARGO BASKET ASSEMBLIES.
LID PROP IS TO BE INSTALLED ON THE FORWARD END OF THE BASKET AS INSTALLED ON THE HELICOPTER.

2	MS21044N3		NUT	APPROVALS	DATE		AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G5 TEL: 604.483.5376 www.aerodesign.ca			
3	NAS1149F0363P		WASHER	DRAWN: JEFF CLARKE	21 MAY 2014					
2	AN970-3		WASHER	CHECKED: JASON REKVE	21 MAY 2014					
1	AN3-17A		BOLT							
1	AN3-15A		BOLT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1		HELICOPTER CARGO BASKET ALL MODELS LID BRACE INSTALLATION				
1	36280-01	02	LID BRACE ASSEMBLY							
	84240-01	01	LID BRACE INSTALLATION							
01	PART NO.	ITEM	DESCRIPTION							
QTY.	LIST OF MATERIALS					NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
						SHEET 1 OF 1	A4	84240	0	

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; ADDRESS, LOGO AND S/N UPDATED	BJC	11/03/2014

NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:
"QUICK RELEASE BASKET" - 0.125 HIGH
"BELL 429" - 0.080 HIGH
"S/N 959YY-XX" - 0.080 HIGH - (SEE NOTES 2-5)
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH
"300 LBS. TOTAL" - 0.200 HIGH
"AERO DESIGN LTD." - 0.125 HIGH
"POWELL RIVER, BC, CANADA" - 0.080 HIGH
"www.aerodesign.ca" - 0.080 HIGH
- ITEM 01: RH BASKET FOR A/C S/N THRU 57080, S/N TO READ:
"S/N 95901-XX" - 0.080 HIGH
- ITEM 02: LH BASKET FOR A/C S/N THRU 57080, S/N TO READ:
"S/N 95902-XX" - 0.080 HIGH
- ITEM 03: RH BASKET FOR A/C S/N 57081 AND SUB, S/N TO READ:
"S/N 95911-XX" - 0.080 HIGH
- ITEM 04: LH BASKET FOR A/C S/N 57081 AND SUB, S/N TO READ:
"S/N 95912-XX" - 0.080 HIGH


DRILL #30 (0.129)
4 PLACES



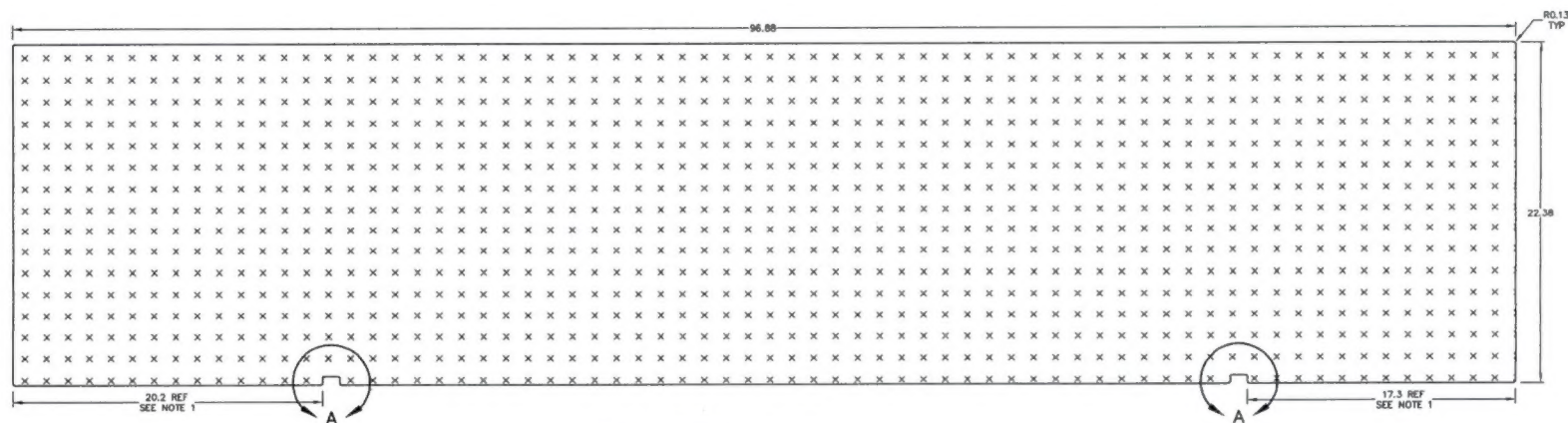
01 02 03 04 PLACARD

1	95927-04	04	LH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-03	03	RH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-02	02	LH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-01	01	RH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET

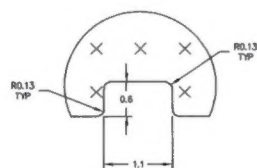
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
LIST OF MATERIALS					

	APPROVALS		DATE			AERO DESIGN LTD.			
	DRAWN: JEFF CLARKE		11 SEPT 2012			9888A MALASPINA ROAD			
	CHECKED: E. BURGOIN		10 NOV 2012			POWELL RIVER, BC, CANADA, V8A 0G3			
					TEL: 604.483.2376				
					www.aerodesign.ca				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1					BELL 429 QUICK RELEASE CARGO BASKET PLACARD				
					SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.	
					SHEET 1 OF 1	A1	95927	1	

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REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	UPDATE TITLE BLOCK	BJC	10/04/2014




01 LID CHECKER PLATE
RIGHT HAND SHOWN, LEFT HAND OPPOSITE



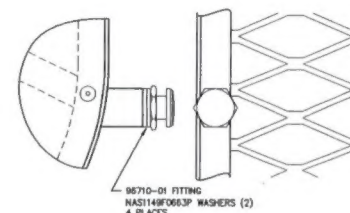
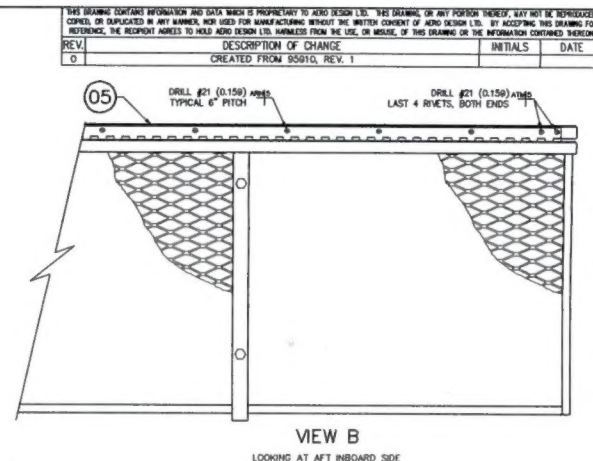
DETAIL A
SCALE 1 : 1
NOTCH DETAIL, TYPICAL

NOTES

1. LOCATION OF NOTCHES TO FIT LID ASSEMBLY 95912-01.
2. REMOVE ALL BURRS AND BREAK SHARP EDGES.

1	95917-02	01	LH LID CHECKER PLATE	3003 ALUMINUM	COMMERCIAL	0.063" C-102 CHECKER								
1	95917-01	01	RH LID CHECKER PLATE	3003 ALUMINUM	COMMERCIAL	0.063" C-102 CHECKER								
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE								
LIST OF MATERIALS														
APPROVALS				DATE										
DRAWN: JEFF CLARKE				09 NOV 2012										
CHECKED: E. BURGOIN				10 NOV 2012										
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:</div> <div>DECIMALS ANGLES</div> <div>X.XXX ±0.010 ±1/2"</div> <div>X.XX ±0.03</div> <div>X.X ±0.1</div>				<div><div>AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G5 TEL: 804-683-8278 www.aerodesign.ca</div></div> <div>BELL 429 QUICK RELEASE CARGO BASKET LID CHECKER PLATE FABRICATION</div> <table><tr><td>SCALE 1 : 4</td><td>DWG. SIZE</td><td>DWG. NO.</td><td>REV</td></tr><tr><td>SHEET 1 OF 1</td><td>A1</td><td>95917</td><td>1</td></tr></table>			SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV	SHEET 1 OF 1	A1	95917	1
							SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV				
							SHEET 1 OF 1	A1	95917	1				




1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. INSTALL RIVETS USING EDGE DISTANCE AND PITCH AS OUTLINED IN AC43.13-18, PAR 4-5B, FIG 4-5 AND FIG 4-6.




SCALE 1 : 1
LOOKING AT FORWARD LOWER ATTACHMENT, UPPER ATTACHMENT SIMILAR
REAR ATTACHMENTS SIMILAR

A/R/A/R	---	SEALING SEALANT (CLEAR)	COMMERCIAL
A/R/A/R	C53024	SILICONE COMPOUND	AMS-S-8602C T2 81
8	NAS1149D663P	WASHER	
4	86710-01	FITTING	ALT. ANKRA 4006B-1
A/R/A/R	CR3213-4-02	CHERRY RIVET	ALT. HR3213-4-02
8	CR3523-5-02	CHERRY RIVET	ALT. HR3523-5-02
A/R/A/R	CR3213-5-02	CHERRY RIVET	ALT. HR3213-5-02
9	95918-03	13 FILLER SHEET	ALTERNATE TO 06/10
4	49205-12	BUMPER	ARGUS INDUSTRIES
1	95917-02	12 LH LD CHECKER PLATE	
1	95917-01	11 RH LD CHECKER PLATE	
1	95916-02	10 APT FILLER SHEET	
1	95916-01	09 FORWARD FILLER SHEET	
1	95985-08	18 LH FORWARD SHEET	
1	95985-01	08 RH FORWARD SHEET	
1	95927-04	04 LH PLACARD	
1	95927-03	03 RH PLACARD	
1	84205-01	06 HANDLE BAR INSTALLATION	
1	MS20004-05	05 PIANO HINGE	B'S LONG
1	821424-04	04 LD BRACE INSTALLATION	
1	95912-01-02	02 LH ASSEMBLY	
1	95912-01-03	03 RH LD ASSEMBLY	
1	95951-01-02	02 LH BASKET BODY ASSEMBLY	
1	95951-01-01	01 RH BASKET BODY ASSEMBLY	
1	95950-01-02	02 RH CARGO BASKET ASSEMBLY	
1	95950-01-01	01 RH CARGO BASKET ASSEMBLY	
-02-01	PART NO.	ITEM DESCRIPTION	MATERIAL
QTY	QTY	LIST OF MATERIALS	



BASIC CODE REF. NAS 523	DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE
C=COUNTERSUNK D=DIMPLE DIGIT= # OF SHEETS TO BE DIMPLED	DASH NO. FOR LENGTH
BASIC CODES: BJJ=MS20470AD BB=MS20426AD ARN=CR3213 ATM=CR3525	 INSTALL NEW RIVET  REMOVE/REPLACE RIVET  EXISTING RIVET

APPROVALS	DATE
DRAWN: JEFF CLARKE	20 FEB 20
CHECKED: JASON REKVE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ± 0.010	$\pm 1/2^\circ$
X.XX ± 0.03	
X.X ± 0.1	

 **AERO DESIGN LTD.**
9885A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G5
TEL: 804.683.2578 www.aerodesign.ca

BELL 429 - S/N 57081 & SUB.
QUICK RELEASE CARGO BASKET
CARGO BASKET ASSEMBLY

SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	95950	0



WO# _____

Approved Manufacturing Facility 73-04

Rev. Original 27 May 2013